

10-05-01

PATENT
USA.229

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors: David Montgomery Varnon et al.) Attorney Docket No.: USA.229
 Title: QUANTIZED FEED SYSTEM FOR SOLID FREEFORM FABRICATION) Express Mail Label No.: EF106052065US
 Date Filed: October 3, 2001) Customer No.: 022514

BOX PATENT APPLICATION

Assistant Commissioner for Patents
 U.S. Patent and Trademark Office
 Washington, D.C. 20231

UTILITY PATENT APPLICATION TRANSMITTAL

Certificate Under 37 CFR §1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service in an envelope as "Express Mail Post Office to Addressee" Mailing Label EF106052065US to:

Assistant Commissioner for Patents
 Washington D.C. 20231, on

October 3, 2001

Date of Deposit

Carolyn Moore

Name

Carolyn Moore
 Signature

Transmitted herewith for filing is the patent application of Inventors: David Montgomery Varnon, Jon Jody Fong and Raymond J. Bishop.

APPLICATION ELEMENTS

1. Fee Transmittal Form.
2. Type of Application.

This new application is for a(n) (check one applicable item below):

- ☒ Original
- ☐ Divisional
- ☐ Continuation
- ☐ Continuation-in-part (CIP) of Prior Application No.:
 Examiner: Group Art Unit:

3. Papers Enclosed Which Are Required For Filing Date Under 37 CFR 1.53(b).

- ☒ Pages of Specification Total Pages: 41
- ☒ Drawings - Informal Total Sheets: 4
- ☒ Oath or Declaration and Power of Attorney for
Patent Application
- ☒ Newly executed (original or copy)
- ☐ Copy from a prior application (37 CFR 1.63(d))

4. Additional Papers Enclosed.

- ☒ Assignment Papers (cover sheet & document(s))
- ☒ Information Disclosure Statement (IDS)/PTO-1449
 Copies of IDS Citations
- ☒ Return Receipt Postcard (MPEP 503)

5. Inventorship.

The inventorship names and addresses for all the claims in this application are:

David Montgomery Varnon
29257 Abelia Road
Canyon Country, CA 91351

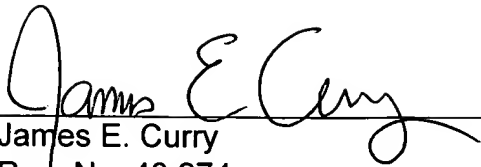
Jon Jody Fong
22452 Galilee Street
Calabasas, CA 91302

Raymond J. Bishop
P.O. Box 800401
Santa Clarita, CA 91380-0401

6. Language.

☒ English

Dated: October 3, 2001


James E. Curry
Reg. No. 40,974
Attorney for Applicants

3D Systems, Inc.
26081 Avenue Hall
Valencia, CA 91355
(616) 295-5600, ext. 2470

☒ Statement Where No Further Pages Added.

☒ This Transmittal Ends With This Page.

FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

Complete if Known

TOTAL AMOUNT OF PAYMENT

\$2,028.00

Application Number

Filing Date

October 3, 2001

First Named Inventor

David Montgomery Varnon

Examiner Name

Group Art Unit

Attorney Docket No.

USA.229

METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number

20-0900

Deposit Account Name

3D Systems, Inc.

- ☒ Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17

- ☐ Applicant claims small entity status. See 37 CFR § 1.27

2. ☐ Payment Enclosed:

- ☐ Check ☐ Credit card ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
101 740	201 370	Utility filing fee	740.00
106 330	206 165	Design filing fee	
107 510	207 255	Plant filing fee	
108 740	208 370	Reissue filing fee	
114 160	214 80	Provisional filing fee	

SUBTOTAL (1) \$740.00

2. EXTRA CLAIM FEES

Extra Claims		Fee from below	Fee Paid
Total Claims	66 - 20** = 46	X 18.00	= 828.00
Independent Claims	8 - 3** = 5	X 84.00	= 420.00
Multiple Dependent			

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description
103 18	203 9	Claims in excess of 20
102 84	202 42	Independent claims in excess of 3
104 280	204 140	Multiple dependent claim, if not paid
109 84	209 42	** Reissue independent claims over original patent
110 18	210 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) \$1,248.00

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

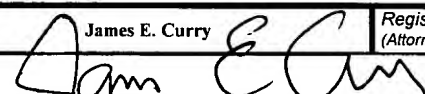
Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105 130	205 65	Surcharge - late filing fee or oath	
127 50	227 25	Surcharge - late provisional filing fee or cover sheet	
139 130	139 130	Non - English specification	
147 2,520	147 2,520	For filing a request for ex parte reexamination	
112 920*	112 920*	Requesting publication of SIR prior to Examiner action	
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	
115 110	215 55	Extension for reply within first month	
116 400	216 200	Extension for reply within second month	
117 920	217 460	Extension for reply within third month	
118 1,440	218 720	Extension for reply within fourth month	
128 1,960	228 980	Extension for reply within fifth month	
119 320	219 160	Notice of Appeal	
120 320	220 160	Filing a brief in support of an appeal	
121 280	221 140	Request for oral hearing	
138 1,510	138 1,510	Petition to institute a public use proceeding	
140 110	240 55	Petition to revive - unavoidable	
141 1,280	241 640	Petition to revive - unintentional	
142 1,280	242 640	Utility issue fee (or reissue)	
143 460	243 230	Design issue fee	
144 620	244 310	Plant issue fee	
122 130	122 130	Petitions to the Commissioner	
123 50	123 50	Processing fee under 37 CFR § 1.17(q)	
126 180	126 180	Submission of Information Disclosure Statement	
581 40	581 40	Recording each patent assignment per property (times number of properties)	40.00
146 740	246 370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149 740	249 370	For each additional invention to be examined (37 CFR § 1.129(b))	
179 740	279 370	Request for Continued Examination (RCE)	
169 900	169 900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) \$40.00

SUBMITTED BY

Name	James E. Curry	Registration No. (Attorney/Agent)	40,974	Telephone	661-295-5600 ext. 2470
Signature		Date	October 3, 2001		

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Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.